

TABLE I

cDNA	Embryo Phase	Clone	Nucleotide Sequence
SEQ ID NO:272	Early	LPZ-249	GCGGACGCCCTCAATAGTTATGGAAGGGCAGCTGCACTACTTCAGCATGAGTGGAG GCCTAAAAGTTTGTAAATCTTCTGGTGAGGTGGACACCAAAGCCCTCACAAACA GTGCAAAGGTGGGGCTATCTCTGGTTGAAGCCTGAAGGGATATGCACTATTG TACAGATTAAAGCGAAGGTCTGTGCCAAATTTATTGAAATTGAGTTTCCTT TCAGAATAATTATTCATGCCTGTGTTCTGCGCTTCAGCCGTA
SEQ ID NO:273	Late	LPZ-250	GCGGACGCCCTTGCCTTGCCTAACATCCCTGCATCTGCGCATTAAAATTGATTGC AGACCTGAGGTTAACGTGGAAGCTCTCCACCACATCTCCCTGTTAAGGAAGA CCCGAAACCCTAGCCACTGTCTCCTGTGACTAAAATTCCAGTTACCAACCTTA ACTCTGCGTCCGTAAAATTCTGGGCAAACGTGCACTGCCAATTGGTCATCATATCCT CTGAATTGGCAAAGAAAACATAGGTCAATTCTGCGCTTCAGCCGTA
SEQ ID NO:274	ND	LPZ-251	GCGGACGCCCTCGTCAATCCATGGTTGAAACATGCCTCAAAACTGTTCTTATGT CGCACAAATGTCTACATGTTCCCTGAGCGATTTCCTGCTGCATTGCGAGCCTCTG TGTAAGTCCCACATCTGCGCTGTCCCTTACTTCATAACTCTGCGTCTTCT CGCAGCCGTA
SEQ ID NO:275	Late	LPZ-255	TACGGCTGCGAGAAGACGACAGAAAAACTGTATACGAGTAGGCAGCGAGTCCTG GCAGTATGGGAGATTGAACCTCAATTACATTAGTTACAAGTAGCATCACAGTGAC TGAGCCAAGAGCTCTACACAGAAAAATAAAACTGTATATATTACAGGAGA AACCCCAATGGCCTCAGGGCCTGAATAATCAATCGCAGCGGTGGTCATGTGGC CTTTCAAGGGCTGCAAATCTGCAAGGGGAAGCCATCATCCTGTTCCGTATCCT TTTGAGGGATAGCGAGCCACGCAGCCAAGATTGAAGCGATTGAATAACTTGGGGT GTCGAGAACGACCAAGAACATGCCACTCGAGAAACTACTGTGATTACTGTGAC AAACAATTCCAGGATACTCCCTCCGCTAGAAAGCGACATCTACAAGGCGTCCGC
SEQ ID NO:276	Late	LPZ-256	GCGGACGCCCTGTACCGTATTGAAATTCTAACCCCTCTGGTATAGGGTTTCGC CACCTTGCCTTCATTGGTTTGATTACGTCCGATTCCCTCCGTCTGCAGCTCTC TGCAACTTGGCAATTCTATTGTGATTTCATCTGATGCTCGTATTGTTGAAGC TCGTCCTCTAGTTCTGTGATACCAGTTGGTAGTCTGCAAGTTGATGTGGGT TCTTTAGCTGGCTGGGTTTGCTCTGAGTATGTTGAGCTGCATGCTCGT GCGGTCTTCACGGCTCCATTGTTGGAATCTGTTGGAAGTGTCTCGGTATCT GTGGAACGTGAAACCTGGTAAGATTGTTATCTGCTGTCTAAACTGTTCT GAGTTTCTGCGTCTCTCGCAGCCGTA
SEQ ID NO:277	Late	LPZ-257	GCGGACGCCCTGCTGTTGAAGAAGGATGAAGTCATTGCTGCGGCCCTGTTAGCA TGATTTCGGCATTCTTAATCTGGTCAACCAGTCAGAAGGTGGCGCTGAAGGTGACG AAGAGGCAACCTGGTAGCTGCACTGGAAACTCAAGCTGCAAGGGGACCGACCC TCAGACTTCGCGCGATTAACCTCCCTCTGGCTAAGTCGATGCCAAGGTCTTGT TCTGGGTTCTCTGTGTTGCATGTTGTTCTCTGTTCTGTTCTGTTCT TCTGCGTCTCTCGC
SEQ ID NO:278	Late	LPZ-258	GCGGACGCCCTGCACATACAAAGAACGACAAAAACAAAGCATAAAATCCAATAGAT GCAACTATATATCAAGTCAGAAATGATATAACTCATCATTATTACAAAGAACATAAG AGTGGAACCCATAATAATAGTCGTCTATTATTGATAAAATAAGAACATACAAACCATA GTTCTGTCGTTCTCGCAGCCGTA
SEQ ID NO:279	Late	LPZ-260	GCGGACGCCCTGTATAACATGCACCAAGAGACCCAAATCAAAGCACATGCAATCTGTA TATATAGCAGAATAACAGCCAGGGATTGCACCTATCGTAATCGCAGAACACCGCA CTAATATGTGCCCATGCTGATGATGCACACAGCATGTTCTGCGTCTCTCGCAGC CGTA

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cDNA	Embryo Phase	Clone	Nucleotide Sequence
SEQ ID NO:280	Late	LPZ-261	GCGGACGCCTGAACGTATAGAGTTGAAACTTGAGGGAAAGGCTGCCACCAA AGCCTCCCTCCTCTTCCCTGGCGGTCGTACCTCCCTCGCGTCAGAGCCCCAA TTCCCCTCCTGCACACCAGCAAACACTGCATCGAATGTTTTCCACCATCTGTAA ATTCCCCTCGGAGTTACCTGGGGCAGAACGCCGATTGAAGAGCATTGAATGCTATT CATTATCCCACCGTAAACTACCATTGCAACCTGCCTGTATCGACCCGCTGTCC CTACGCGTGGCTGGCACATGGCGTGTAAATTGCATGTTGACACCCGTATCCGGG TGTGCTTGTGTGCTCGTCTGCATATCATGTTAGGATCTCATAGAAGGTGGACCA TTCTGTCGCTTCT
SEQ ID NO:281	Late	LPZ-264	GCGGACGCCTCTTACAATGTCTCTAAAGATTGAAAGATTGTCTGTCTGCAACC ATAACTTCCCGCGTGTCTTCTTAAATGCAACCCACTGTGATCCTTCCGCCATTAA TCCTTTCGAATGGTGGAGCCATTGGGGTTGTACCGACTAGCTTTGGGTCTAC AAAGCTGTCTACAAAACCTTTGGAGATGACATTACATAATCATATGTATAGCTGAA GTTGTACAAAGGTACACAACATCTGAAACCAAAATGAATCTCGTTAGCTGGATC CTCGAGTGCTTCTTAAGTAGAATACGCTCCGCTTATCATACTGGCTTCCCCA AAGTACCTGTATGCTATCAAGCTGCCAGCGTAACAAAATGTACATTCTGCGT CTTCTCGCAGCGTA
SEQ ID NO:282	E,M	LPZ-265	GCGGACGCCTTGCTAGGAGAGCTACGCCATTATTGAACGATTGAGCCGAAGTT TCACCGTTAAGGCATTGTGTCCAGAGGTTATTGGAGATTAGCAGCTTGGATT GGCTGCTCGCTCAGCGCCGTGATTCACTGCTTTGATTGATTCTCTCCAGTTCTAA CCTGTAACGACAATGGCAATGAAGACCTACACATTGCACTGGCAGCTCGTACGC TGTAGTCTGATGTTCGCTCTTTGGCATCGAAAGGCTGCTGATGCACCGTCTC CCAGCCCCGTTACTGGCGGGTTCCATGGACTTCGTTCTCTGCGTCTTCG CAGCGTA
SEQ ID NO:283	Middle	LPZ-266	GCGGACGCCTTATCAGCTGGGGCATTCATAGGTATGGAAATTCACTCAACCTCA GTGGACAGTATGTGGATTAGGCACCTGTGACAGTTCACGATATCTATTCTATTCT ATCCAGAGACAGATTCCCATACTCACCTCCGCTCTCCATATATTCTGGAAGGC ATCATGTCCTCCCAAATTACTCATTTGCCTGGCCGTCGTTACAA
SEQ ID NO:284	Late	LPZ-268	GCGGACGCCTGTTGCCACAGAAGAATGAATAATGCTCAAATTGAGACCTCTC GGAGGAAAATCCTGTTACTGCCTAACCAACTCATGATGATCTCGTCACGCTG ATTATGAGCTGCAATTAAATTATTCACTGAAACATTCCCATATTGAGCTTGCAGA CAAGTTGCAGACCCCTCAATTCACTGTTCTCGTCTCGCAGCGTA
SEQ ID NO:285	Middle	LPZ-269	GACGTTGTAAAACGACGCCAGGATTAAGGTTCATGAGCTCCGCAACAAGAGCAA TCAG
SEQ ID NO:286	Late	LPZ-270	GCGGACGCCTCTAGGAGCCGGCGGAATTCTGTGAGCTCGAATTGCCGAGCAG GTTATTGTCCTCGCCGCGTCGTACCTCATATACTGAAATTAGAACCCCCAG GCTGATTATCTGAGTAAGTTGAGAAAATCTGCTCCTCTGGTGGAAATGGTGGTG TTCCTCGGTATTAATACTGTCATTACACCTCCCGCTGTCTCCAACCCAGACTTAAT GGCGTGACATCTGCAACAGCAGGTCTGCACCTCTCGTTGCCTCGCCGCTGA GAATGGCAGCCTGCACAGCTGCACCATATGCCACGGCTCGTCTGGGTTAATGCT CTTACAAAGCTTTGCCATTGAAGAAATCTGGAGCAATTGTTGACTTGGGGAT ACGAGTCGAACCCCCGACCAAGACGACATCATCTATTGGCTCTGTCCATCTAG CATCTTCGCACTACATTCTCCACAGGCTCATACTCTCGTAAAGATCCATGTTG AGTTCTCGAAGCGAGCTCGCGTAATTGTTGCGTAAAAATCAATTCTCATATAG AGAATCAATCTCAATGTTGCTGTGAGTAGAAGACAGCGTTTTGCCCTCTC ACATGCTGTTCTCAGCCTCGCAAGAGCTGGCATTCCGCTGATGTCTTCTGT GCTTCTTGAATTCTGCACAAAGTGATTCACTGTCGTTCTCGCAGCC GTA
SEQ ID NO 287	Late	LPZ-271	TAGCCATGCCATTCTATAATCTAGGATCCTGCTGAACGATAAGCCATAAAAT TGATGCACTGCCCGCTCGCTATCCCTGGCCGTCGTTTACAACGTC

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cDNA	Embryo Phase	Clone	Nucleotide Sequence
SEQ ID NO:288	Middle	LPZ-272	GACGTTGAAAACGACGCCAGGAAATTACAGCTACCTCTAAGCTGGTTGACGGCG TTGCATCTTATGAGCCGCAAGGGTCGAATCCTCTGCAGATCTGCGATGG AACCTGGCGAGTGCAATGATGATGAAGAAGAGTTGCGATGGATTCTGAAGCG CACGGGAGGCTCTGAGGAGGATCCGTTACTATATCAGCTACGGAGCATTGGCTG CTAATCGCGTCTGCCACCTCGGTCTGGAGGTCTTATTACACTCGGAATTGT TACGGCGAACAGGCCCGTCAGACCTTACCAAGAGCTGCACTGCTATCACTC GTTGCAGGCCTCGC
SEQ ID NO:289	Middle	LPZ-273	GCGGACGCCCTGGGAAGCAATGGATGGTGGCTAGACGCCATCCGCTTGTATA CTATTTGCACGCCGAAAGAGTGATGTCCTGGCCGTCGTTTACAACGTC
SEQ ID NO:290	Late	LPZ-274	GACGTTGAAAACGACGCCAGATTCAAAGAAAAATCCTCACTTCTGGCTCCG TTGCGCTCCGCCGAAGCTCCTCTGCAACCCCTCTGCAGCGTACACTGCATCCC GCTCGCGGTGCTGGCTCACCTCGCAGGTCCGCTGACGGTAATGGTTCCAATAA AGCTATTGTCCTCTACCCAAATCCATCTAGCATTGTTGTGGATTGACATTCTGC CATTCTGCTTTCTGGTGATATGAAAGATTGAAAGCCAATTGCAAGCAGTG GTCGTGGATTCACTATAAGGCCTCGC
SEQ ID NO:291	Late	LPZ-275	GACGTTGAAAACGACGCCAGGAATAAACAAAGCATCACTGCAAATTCAAAC GTGGTAATAACGGCTAGCCAGCTCGACGTGAAGGCAGTGGGGCCTTGAGGTTGC CTTTGGCGTTCAAATTGGCTAGACTACCATAACATAATATTGATTCTCAGTGA CATCACTGGTTGGAGTCATCCACAGCCTGTGCACCAGTACGGCAATTGCCCTTA CATGAAGCCATCCTTCACTTTACTTGAGATTCTCAGAACTGAGGGCTAGGC GTCCGC
SEQ ID NO:292	Middle	LPZ-276	GACGTTGAAAACGACGCCAGCACCTCTAGTCCCCTGTTCCATTCTCCTGAAA TAGGAGCAGTTGACCCAGTCCAGTTTCAAATTGAGAATATGAAACAAAGAACCT AAGCATATGAGAGAACATAAAAGACTTTGATAAAACTACTTTCACAGGATCTCAA CAGCCCTCTGCTGAGATCCATTGATACAAGGCCCTGCACTCCACCCCTCTCCC TTATCACCTCCACTAGAAAGATGATGGAAAGCAGACACATGGAAATGTTGCTGCAG GGTCCGC
SEQ ID NO:293	Middle	LPZ-277	GACGTTGAAAACGACGCCAGTTAGGTTGATATTGATTGACTCTTGACTCC ATTATGAAAACATCTTGTCTCGAGATTAACTAGTATTAAAGCTTCAGAGTGAAG TTCAGTTGATCTGCATAACCTGATCCACCATATCACATCACATCTAAATTACTA AAATGTGAGGAGATGGAATTGTTCTGAGAATCCCTATTCTCATCGACACTGTT TACTGGATCAGATCCAATCAAACCTTGAGAAGTAATCTCTGGAAAGAAATTAAAAAA GTCTTACCTGAATTATCTGATATCAGAAGCAGAAATTATGATACATAGACTCTTA ATAATGAAGAGTCATTTGCCAACGTTGTCTTGCCACCCACCAATCCCCATGATC CCAAAGATCTGAGGTTCCATCTATGTGGCTGTGATAACACTGGATTTCAAAAA ATCTTCTACTTCGCATCCAAACCTTTGGATATT
SEQ ID NO:294	Late	LPZ-278	GACGTTGAAAACGACGCCAGGGGGATGGAGATACAGAAAGATTCCGGATAAA AGGGAGCAATGAACGGCTGGTAAAGCGTAGTCCACCAACTAGCCCCACCTCCA TGAGGCCTACACGTGAAGAACGAGGATTCTGGGAAGCGCGAGAGGCCGTTCAAGA TTATCAGCTCATGTGATTGCCAACCTGCAAAGATGTCTACCGTAGGCTGTGATG GGGCCAACGGCGTCCGC
SEQ ID NO:295	Late	LPZ-279	GCGGACGCCATCAGATGGTGAGTTGACCGACATTATCGTCCGATAATGTTG AGGCTGATGTCATGGCAATCCACCGTGTCTGCACCATATTTCATCGGAGCCCTCGT CGGAATATTCCATGCCGGAGAGCTGGCGCGATAGGTTCAGGCGGCCGTTCT GGTTGAGCTGGCTCCGCCCTTAAGTGTGGCCACAGGG GAAATTACAATTCACATATCCAATACCATCATATAACCCAACAACACTAGCAACA GATCCTGTTCTGTGCCATCGTCCAACTCTGA

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